



## CWE REST API Working Group

### - Mission and Initial Guidance -

**Chair: Adam Cron (Synopsys)**

**Vice-chair: Rich Piazza (MITRE)**

The CWE program – operated by the CISA-funded Homeland Security Systems Engineering and Development Institute (HSSEDI) – is pleased to announce a new community-driven effort. The CWE REST API Working Group is underway to ease the interface between security SW and HW architects, EDA tool developers, verification engineers concerned about mitigating security risks in their products; and the databases themselves. A new RESTful API will be designed.

You are invited to join this effort and become a member of the Working Group performing the work to:

1. Craft the RESTful API syntax and semantics which users will send to the CWE and database web services;
2. Determine which content and syntax the databases will use to deliver content back to the users;
3. Determine if there are structures or content missing from these databases which would complete a link between this content and that required for tools and standards (such as the Accellera SA-EDI standard); and
4. List any structure or content missing from these databases that would help with further automation (such as versioning, etc.).
5. Collaboratively determine performance/scalability requirements by providing abstract use cases

The group will meet on a weekly basis on Thursday mornings at 9am ET. The Working Group will provide development and design support and deliver artifacts that can be used by MITRE to craft the required infrastructure to support the RESTful API.

Please reply to [a.cron@ieee.org](mailto:a.cron@ieee.org) or [rpiazza@mitre.org](mailto:rpiazza@mitre.org) if you are interested in actively participating in this effort.

Best regards,

Adam Cron, Synopsys  
Chair, CWE REST API Working Group